

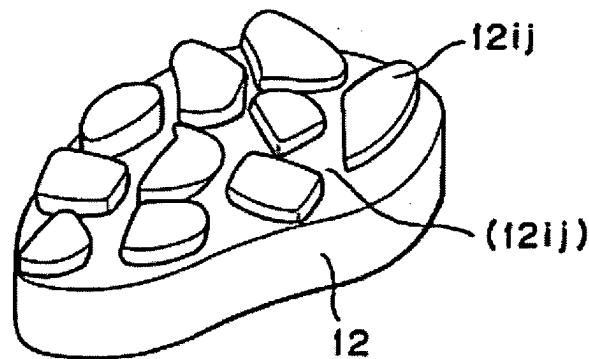
Radiation image storage panel and process for making the same

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Abstract of US4769549

There are disclosed a radiation image storage panel which comprises a stimulable phosphor layer on a support, wherein the stimulable phosphor layer has a fine pillar-shaped block structure, and a process of making a radiation image storage panel having a stimulable phosphor layer on a support, which comprises getting the stimulable phosphor layer having a fine pillar-shaped block structure. Scattering of the stimulation exciting light within the stimulable phosphor layer of the present invention can be markedly reduced since the stimulable phosphor layer has a block structure shaped in fine pillars, whereby it is possible to improve sharpness of the image. Also, radiation sensitivity and graininess of the image can be improved by enlargement of the stimulable phosphor layer without lowering sharpness of the image since lowering in sharpness of the image due to increase of the stimulable phosphor layer is little.



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